



PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 1 of 4

Complete if Known

Application Number	10/631,187
Filing Date	07/31/2003
First Named Inventor	William Neal House
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	11336/537(P03005US1)

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
/JK/	1	US- D 277,630	02/19/1985	Olsen et al.	
/JK/	2	US- D 361,674	08/29/1995	Carter, Sr.	
/JK/	3	US- 2,452,103	10/26/1948	Conradt et al.	
/JK/	4	US- 2,501,993	03/28/1950	Conradt	
/JK/	5	US- 2,527,656	10/31/1950	Reinsdorf	
/JK/	7	US- 2,710,662	06/14/1955	Camras	
/JK/	7	US- 2,802,906	08/13/1957	Goldenberg et al.	
/JK/	8	US- 2,908,766	10/13/1959	Taylor	
/JK/	9	US- 3,156,500	11/10/1964	Kerr	
/JK/	10	US- 3,385,393	05/28/1968	Gold	
/JK/	11	US- 3,512,605	05/19/1970	McCorkle	
/JK/	12	US- 3,556,088	01/19/1971	Leonardini	
/JK/	13	US- 3,880,152	04/29/1975	Nohmura	
/JK/	14	US- 3,918,551	11/11/1975	Rizo-Patron	
/JK/	15	US- 3,944,020	03/16/1976	Brown	
/JK/	16	US- 3,976,162	08/24/1976	Cummings	
/JK/	17	US- 4,020,284	04/26/1977	Phillips	
/JK/	18	US- 4,023,566	05/17/1977	Martinmaas	
/JK/	19	US- 4,025,724	05/24/1977	Davidson, Jr. et al.	

FOREIGN PATENT DOCUMENTS						
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		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

Examiner Signature	/Jason Kurr/	Date Considered	01/03/2008
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Sheet 2

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Examiner Name	Unknown
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/JK/	20	US- 4,027,112	05/31/1977	Heppner et al.	
/JK/	21	US- 4,038,499	07/26/1977	Yeaple	
/JK/	22	US- 4,042,791	08/16/1977	Wiseman	
/JK/	23	US- 4,055,170	10/25/1977	Nohmura	
/JK/	24	US- 4,061,877	12/06/1977	Phillips	
/JK/	26	US- 4,064,376	12/20/1977	Yamada	
/JK/	26	US- 4,075,438	02/21/1978	Kappel	
/JK/	27	US- 4,124,249	11/07/1978	Abbeloos	
/JK/	28	US- 4,156,177	05/22/1979	Phillips	
/JK/	29	US- 4,210,784	07/01/1980	Phillips	
/JK/	30	US- 4,289,936	09/15/1981	Civitello	
/JK/	31	US- 4,310,307	01/12/1982	Bellisario	
/JK/	32	US- 4,264,067	10/12/1982	Yamada et al.	
/JK/	33	US- 4,440,443	04/03/1984	Nordskog	
/JK/	34	US- 4,490,842	12/25/1984	Watanabe	
/JK/	35	US- 4,565,405	01/21/1986	Mayer	
/JK/	36	US- 4,638,884	01/27/1987	Lee	
/JK/	37	US- 4,641,345	02/03/1987	Takahashi	
/JK/	38	US- 4,696,370	09/29/1987	Tokumo et al.	

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/Jason Kurr/

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/JK/	39	US- 4,758,047	07/19/1988	Hennington	
/JK/	40	US- 4,778,027	10/18/1988	Taylor	
/JK/	41	US- 4,797,934	01/10/1989	Hufnagel	
/JK/	42	US- 4,866,888	09/12/1989	Kasai et al.	
/JK/	43	US- 4,877,105	10/31/1989	Mugikura	
/JK/	45	US- 4,979,777	12/25/1990	Takada	
/JK/	45	US- 4,991,222	02/05/1991	Nixdorf	
/JK/	46	US- 5,101,810	04/07/1992	Skille et al.	
/JK/	47	US- 5,113,852	05/19/1992	Murtonen	
/JK/	48	US- 5,143,055	09/01/1992	Eakin	
/JK/	49	US- 5,147,109	09/15/1992	Jolly	
/JK/	50	US- 5,191,177	03/02/1993	Chi	
/JK/	51	US- 5,193,118	03/09/1993	Latham-Brown et al.	
/JK/	52	US- 5,199,075	03/30/1993	Fosgate	
/JK/	53	US- 5,301,237	04/05/1994	Fosgate	
/JK/	54	US- 5,314,403	05/13/1994	Shaw	
/JK/	55	US- 5,387,026	02/07/1995	Matsushashi et al.	
/JK/	56	US- 5,398,992	03/21/1995	Daniels	
/JK/	57	US- 5,482,352	01/09/1996	Leal et al.	

FOREIGN PATENT DOCUMENTS

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U. S. PATENT DOCUMENTS

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Signature**

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